



DEPARTMENT OF DERMATOPATHOLOGY

George P. Lupton, M.D.
Chairperson
Date of Appointment - 1 July 1988

MISSION

The Department of Dermatopathology provides consultation services and conducts research and educational projects in the field of dermatopathology.

STAFF

Medical

George P. Lupton, M.D., Chairperson
Maria-Magdalena Tomaszewski, COL, MC, USA, Assistant Chairperson
Luke S. Chung, COL, MC, USA
John C. Moad, MAJ, MC, USA
Henry G. Skelton, CAPT, MC, USN

Administrative

LaTanya House
Delores McLaughlin
Teresa Mixon

CONSULTATION

Cases

<i>Processed</i>	<i>Reported</i>
Military	2,853
Federal (VA/PHS)	1,093
Civilian	2,149
Interdepartmental	1,447

The staff reviewed and reported a total of 6,095 accessioned federal and civilian consultations. This number included SERS and SERA cases submitted by the Department of Veterans Affairs (VA) and VA compensation claims cases.

In the quality diagnosis summary, 797 cases were received without a contributor diagnosis; 4,199 had no change in diagnosis; 822 had a minor change in diagnosis; and 218 cases had a major change in diagnosis. In addition, the department rendered opinions on 1,447 intramural consultations and reviewed cases from the Department of Legal Medicine. Many of the consultations were difficult cases such as melanocytic lesions, which may represent high-risk medicolegal problems. At the end of the reporting year, there were no active cases over 2 months. During 1995, the department participated in quality assurance and risk management (QA/RM) activities at its periodic departmental conferences and pursued a comprehensive departmental quality assurance plan, with monthly reporting of QA/RM issues.

RESEARCH

During 1995, the department participated in six studies approved by the AFIP Research Committee. The areas of active research include: cutaneous malignant melanoma with metastases, malignant melanoma in teenagers, cutaneous lymphoma, mucosal and perimucosal keratoacanthomas, and immunohistochemical characteristics of morphea, basal cell carcinoma, and trichoepithelioma. All of the studies are AFIP supported.

EDUCATION

From 11:15 a.m.-12:30 p.m., Monday, Tuesday, Thursday, and Friday, teaching and diagnostic slide conferences were held for staff pathologists, dermatopathology fellows, residents, and visiting physicians. Quarterly, a joint dermatopathology conference was held with the staff and residents of the Dermatology Service, WRAMC. The departmental staff participated in teaching activities at the AFIP such as professional staff conferences, the Quarterly AFIP/VA and Military Histopathology Quality Assessment Program, and the Case for Diagnosis and Case of the Month programs.

During 1995, individuals representing military dermatopathology fellows, dermatology residents, pathology residents, military pathologists, civilian dermatologists, civilian pathologists, and physicians from foreign countries spent an average of 2 months training in the department.

Residents who trained in the department were assigned on a rotation basis. They came principally from the Walter Reed Army Medical Center; the Naval Hospital, Bethesda, Md.; the Washington Hospital Center, Washington, D.C.; Howard University Medical Center, Washington, D.C.; Georgetown University, Washington, D.C.; George Washington University, Washington, D.C.; and other military teaching hospitals. Civilian institutions from across the country were also represented by the trainees.

Since 1 July 1979, the department has had a dermatopathology training program accredited by the Residency Review Committee for Dermatology and Pathology under the Accreditation Council for Graduate Medical Education (ACGME). The program is accredited for 1 year of training for four fellows as a joint effort of the AFIP Department of Dermatopathology and the Department of Pathology and Dermatology Services, WRAMC. To qualify for a training appointment, dermatopathology fellows must be board-certified in dermatology and/or pathology. After successful completion of 1 year of training, fellows are eligible to apply to take the Examination for Certification of Special Qualification in Dermatopathology, which is given biannually as a joint responsibility of the American Board of Dermatology (ABD) and the American Board of Pathology (ABP). During the academic year 1994-1995, one Army pathologist and one civilian pathologist were trained in the program as dermatopathology fellows. In July 1995, two Navy physicians, one pathologist and one dermatologist, started their fellowship. An on-site inspection for periodic reaccreditation was performed in August 1992, and notification was received in June 1993 granting full accreditation of the fellowship for a 5-year period.

The department held a workshop in dermatopathology for the AFIP course "Problems in Anatomic Pathology" and participated as guest lecturers in other AFIP courses. The expertise of the departmental staff was frequently solicited in 1995, and this resulted in invitations to participate in multiple local, regional, and national scientific programs such as those conducted by the Washington, D.C., Dermatological Society; the American Academy of Dermatology; and the American Society of Dermatopathology. The total teaching effort made by staff members was significant and resulted in an outstanding educational experience for those who trained in the Department of Dermatopathology.

Fourteen different dermatopathology teaching sets, consisting of 10 sets of glass slides and 4 sets of 35-mm slides, are available on an interlibrary loan basis. These sets are used extensively within the department by staff, fellows, residents, and medical students and especially by residents throughout the country preparing for certification examinations in dermatology.

PRESENTATIONS

George P. Lupton, M.D.

1. 2 February 1995: New Orleans, La., annual meeting, American Society of Dermatopathology, Consultations in Dermatopathology: "Malignant Melanoma--Yes or No?"
2. 3 February 1995: New Orleans, La., annual meeting, American Society of Dermatopathology, Consultations in Dermatopathology: "Malignant Melanoma--Yes or No?"
3. 5 February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, Basic Dermatopathology Course: "Vascular Neoplasms."
4. 5 February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, clinicopathologic conference, director and case presentations.
5. 7 February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, Advanced Dermatopathology Forum: "Problematic Melanocytic Lesions."
6. 16 February 1995: Orlando, Fla., AFIP course, "Controversies and Recent Advances in Surgical Pathology," "Melanocytic Lesions of the Skin, Part I."
7. 16 February 1995: Orlando, Fla., AFIP course, "Controversies and Recent Advances in Surgical Pathology," "Melanocytic Lesions of the Skin, Part II."
8. 8 March 1985: Washington, D.C., AFIP Professional Staff Conference, case discussion.
9. 3 April 1995: Washington, D.C., AFIP course, "Problems in Anatomic Pathology," dermatopathology session, case discussions.
10. 18 May 1995: Washington, D.C., AFIP Scientific Advisory Board Meeting, Department of Dermatopathology status report.
11. 16 September 1995: Philadelphia, Pa., Department of Dermatology, The Graduate Hospital, The Tenth Combined Skin Pathology Course, "Melanocytic Nevi."
12. 16 September 1995: Philadelphia, Pa., Department of Dermatology, The Graduate Hospital, The Tenth Combined Skin Pathology Course, "Malignant Melanoma."
13. 16 September 1995: Philadelphia, Pa., Department of Dermatology, The Graduate Hospital, The Tenth Combined Skin Pathology Course, "Unusual Melanocytic Lesions."
14. 17 September 1995: Philadelphia, Pa., Department of Dermatology, The Graduate Hospital, The Tenth Combined Skin Pathology Course, "Sarcomas."

Luke S. Chung, COL, MC, USA

1. 3 April 1995: Washington, D.C., AFIP course, "Problems in Anatomic Pathology," dermatopathology session, case discussions.
2. 8 March 1995: Washington, D.C., AFIP Staff Conference, case discussion.

John C. Moad, MAJ, MC, USA

1. 3 April 1995: Washington, D.C., AFIP course, "Problems in Anatomic Pathology," dermatopathology session, case discussions.
2. 8 March 1995: Washington, D.C., AFIP Staff Conference, case discussion.
3. 18 August 1995: Washington, D.C., Walter Reed Army Medical Center, Dermatology Service, "Non-infectious Erythematous, Papular and Squamous Diseases."

Henry G. Skelton, CAPT, MC, USN

1. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, "Light-Induced Cutaneous Eruptions and Cutaneous Reactions to Ionizing Radiation in HIV-I+ Patients," poster presentation.
2. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, "Increased Drug Reactions in HIV-I+ Patients: A Possible Explanation Based on Patterns of Immune Dysregulation Seen in HIV-I Disease," poster presentation.
3. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, "Lym-

- phoid Markers, Activation Markers, and Adhesion Molecules on Cutaneous Biopsies from HIV-1+ Patients with Disease Progression,” poster presentation.
4. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Perioral Dermatitis due to a *Leptotrichia buccalis*-like Organism,” poster presentation.
 5. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Sulfur Mustard: It’s Continuing Threat as a Chemical Warfare Agent, the Cutaneous Lesions Induced, Progress in Understanding the Mechanism of Action, Long-term Health Effects, and New Developments for Protection and Therapy,” poster presentation.
 6. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Histopathologic Features Seen in Sulfur Mustard-induced Cutaneous Lesion in Hairless Guinea Pigs,” poster presentation.
 7. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “*Bacillus piliformis* (Tyzzer’s disease) in an HIV-1+ patient: Confirmation with 16S rRNA Sequence Analysis,” poster presentation.
 8. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Decreased CD7 Expression in Cutaneous Infiltrates of HIV-1+ Patients,” poster presentation.
 9. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Light-induced Cutaneous Eruptions, and Cutaneous Reactions to Ionizing Radiation in HIV-1+ Patients,” poster presentation.
 10. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Clinical and Histopathologic Features of Hair Loss in HIV-1+ Patients,” poster presentation.
 11. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Histopathologic Features Seen in Sulfur Mustard-induced Cutaneous Lesion in Hairless Guinea Pigs,” poster presentation.
 12. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “*Bacillus piliformis* (Tyzzer’s disease) in an HIV-1+ Patient: Confirmation with 16S rRNA Sequence Analysis,” poster presentation.
 13. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Decreased CD7 Expression in Cutaneous Infiltrates of HIV-1+ Patients,” poster presentation.
 14. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Ossifying Fibromyxoid Tumor of Soft Parts: A Case Report and Review,” poster presentation.
 15. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “Bacillary Angiomatosis in an Immune Competent Child,” poster presentation.
 16. February 1995: New Orleans, La., annual meeting, American Academy of Dermatology, “A Malignant Cutaneous Mixed Tumor,” poster presentation.
 17. February 1995: New Orleans, La., 32nd Annual Meeting of the American Society of Dermatopathology, “Eosinophilic globules in Spitz’s Nevi: Composition and Possible Origin,” poster presentation.
 18. February 1995: Washington, D.C., Meeting of the HIV-1 Disease in Women, “Clinical and Histopathologic Features of Hair Loss in HIV-1+ Patients,” poster presentation.
 19. 8 March 1995: Washington, D.C., AFIP Staff Conference, case discussion.
 20. 3 April 1995: Washington, D.C., AFIP course, “Problems in Anatomic Pathology,” dermatopathology session, case discussions.
 21. May 1995: Chicago, Ill., annual meeting, Society for Investigative Dermatology, “Histopathologic Features Seen in Sulfur Mustard-induced Cutaneous Lesion in Hairless Guinea Pigs,” poster presentation.
 22. July 1995: Chicago, Ill., annual meeting, American Academy of Dermatology, “Clinical and Histopathologic Features of Hair Loss in HIV-1+ Patients,” poster presentation.

23. July 1995: Chicago, Ill., annual meeting, American Academy of Dermatology, "Bacillus piliformis (Tyzzer's disease) in an HIV-1+ Patient: Confirmation with 16S rRNA Sequence Analysis," poster presentation.

Maria-Magdalena Tomaszewski, COL, MC, USA

1. 20 January 1995: Washington, D.C., Walter Reed Army Medical Center, Dermatology Service, "Adnexal Neoplasms, Part I."
2. 27 January 1995: Washington, D.C., Walter Reed Army Medical Center, Dermatology Service, "Adnexal Neoplasms, Part II."
3. 2 February 1995: New Orleans, La., 32nd Annual Meeting of the American Society of Dermatopathology, "Non-Hodgkin's Lymphoma of Scalp: Clinical, Morphologic and Immunologic Study," plenary presentation.
4. 8 March 1995: Washington, D.C., AFIP Staff Conference, case discussion.
5. 31 March 1995: Washington, D.C., Walter Reed Army Medical Center, Dermatology Service, "Unusual Melanocytic Nevi."
6. 3 April 1995: Washington, D.C., AFIP course, "Problems in Anatomic Pathology," dermatopathology session, case discussions.
7. 7 April 1995: Washington, D.C., Walter Reed Army Medical Center, Dermatology Service, "Malignant Melanoma--Yes or No?," case discussions.
8. 25 August 1995: Washington, D.C., Walter Reed Army Medical Center, Dermatology Service, "Vasculitis."
9. 28 September, 1995: Bethesda, Md., National Navy Medical Center, Dermatology Service, "Selected Benign Melanocytic Lesions."
10. 4 November 1995: Alexandria, Va., 7th Annual Oncology Clinical Symposium, "Cutaneous Neoplasia: Clinicopathologic Correlation."

PUBLICATIONS

Journal Articles

1. Lindstrom J, Smith KJ, Skelton HG, et al. Increased anticardiolipid antibodies associated with the development of anetoderma in HIV-1 disease. *Int J Dermatol.* 1995;34:408-415.
2. Skelton HG, Smith KJ, Laskin W, Graham JH, Lupton GP. Desmoplastic malignant melanoma. *J Am Acad Dermatol.* 1995;32:717-725.
3. Morgan AM. Localized reactions to injected therapeutic materials. Part I: medical agents. *J Cutan Pathol.* 1995;22:193-214.
4. Morgan AM. Localized reactions to injected therapeutic materials. Part II: surgical agents. *J Cutan Pathol.* 1995;22:289-303.
5. Smith KJ, Skelton HG, Yeager J. Metronidazole for eosinophilic pustular folliculitis in HIV-1+ patients. *Arch Dermatol.* 1995;31:1089-1091.
6. Smith KJ, Skelton HG, Chu W-S, Yeager J, Angritt P, Wagner KF. Decreased CD7 expression in cutaneous infiltrates of HIV-1+ patients. *Am J Dermatopathol.* 1995;17:564-569.
7. Smith KJ, Graham JS, Moeller RB, Okerberg CV, Skelton HG, Hurst CG. Histopathologic features seen in sulfur mustard induced cutaneous lesion in hairless guinea pigs. *J Cutan Pathol.* 1995;22:260-268.
8. Smith KJ, Skelton HG, Wagner KF. The pathogenesis of HIV-1 disease. *Int J Dermatol.* 1995;34:308-318.
9. Smith KJ, Skelton HG, Ruiz N, Laskin W, Wagner KF. Malignant lymphoma of soft tissue in an HIV-1+ patient: a rare site for primary malignant lymphoma with implications for treatment. *Am J Dermatopathol.* 1995;17:403-406.
10. Smith KJ, Hurst CG, Moeller RB, Skelton HG, Sidell FR. Sulfur mustard: it's continuing threat as

a chemical warfare agent, the cutaneous lesions induced, progress in understanding the mechanism of action, long-term health effects, and new developments for protection and therapy. *J Am Acad Dermatol.* 1995;32:765-776.

11. Smith KJ, Skelton HG, Angritt P. Changes of verruciform xanthoma in an HIV-1+ patient with diffuse psoriasiform skin disease. *Am J Dermatopathol.* 1995;17:185-188.
12. Smith KJ, Skelton HG, Yeager J, et al. Thrombosis in HIV-1+ patients. *Arch Dermatol.* 1995;131:352-358.
13. Smith KJ, Skelton HG, Turiansky G, Wagner KF. Bovine collagen hemostatic agent used in removal of a basal cell carcinoma of the nose with good cosmetic results. *Dermatol Surg.* 1995;21:907-909.
14. Smith KJ, Skelton HG, Yeager J, Wagner KF. Bovine collagen products and gelatin sponges for hemostasis in punch biopsies of HIV-1+ patients. *Dermatol Surg.* 1995;21:563-564.
15. Sperling LC, Lupton PG. Histopathology of non-scarring alopecia. *J Cutan Pathol.* 1995;22:97-114.
16. Tomaszewski MM, Lupton PG, Krishnan KJ, May DL. A comparison of clinical, morphological and immunohistochemical features of lymphomatoid papulosis and primary cutaneous CD30(Ki-1)-positive anaplastic large cell lymphoma. *J Cutan Pathol.* 1995;22:310-318.
17. Welch M, Smith KJ, Skelton HG. Inflammatory verrucous linear epidermal nevus in HIV-1+ patients. *Cutis.* 1995;55:365-368.

Books and Chapters

1. Chung LS. *Tumors of Cutaneous Appendages*. Seoul, Korea: Korea Medical Publishing Corporation; 1995.
2. Tomaszewski MM, May DL. Skin manifestations of systemic lupus erythematosus. In: Antonovych TT, ed. *Pathology of Systemic Lupus Erythematosus*. Washington, DC: Armed Forces Institute of Pathology, American Registry of Pathology; 1995:45-57.

Abstracts

1. Barrett TL, Skelton HG, Smith KJ, O'Grady T, Shipman L. Ossifying fibromyxoid tumor of soft parts: a case report and review. *J Cutan Pathol.* 1995;22:88.
2. Miller ML, Skelton HG, Smith KJ, Lupton GP. Eosinophilic globules in Spitz's nevi: composition and possible origin. *J Cutan Pathol.* 1995;22:88.
3. Smith KJ, Graham JS, Moeller RB, Okerberg CV, Skelton HG, Hurst CG. Evaluation of cross reacting anti-human antibodies in the euthymic hairless guinea pig model. *J Invest Dermatol.* 1995;104:666.
4. Smith KJ, Skelton HG, DeRusso D, Sperling L, Yeager J, Wagner KF. Clinical and histopathologic features of hair loss in HIV-1+ patients. *J Cutan Pathol.* 1995;22:88.
5. Smith KJ, Skelton HG, Marty E, Angritt P. Perioral dermatitis due to a Leptotrichia buccalis-like organism. *J Cutan Pathol.* 1995;22:87.
6. Smith KJ, Skelton HG, Hilyard E3, Hadfield T, et al. Bacillus piliformis (Tyzzer's disease) in an HIV-1+ patient: confirmation with 16S rRNA sequence analysis. *J Invest Dermatol.* 1995;104:795.
7. Smith KJ, Graham JS, Moeller RB, Okerberg CV, Skelton HG, Hurst CG. Histopathologic features seen in sulfur mustard induced cutaneous lesion in hairless guinea pigs. *J Cutan Pathol.* 1995;22:93.
8. Smith KJ, Skelton HG, Tuur S, et al. Bacillary angiomatosis in an HIV-1- child. *J Cutan Pathol.* 1995;22:93.
9. Smith KJ, Skelton HG, Tuur S, Yeager J, Angritt P, Wagner KF. Cutaneous reactions to non-ionizing and ionizing radiation in HIV-1+ patients. *J Cutan Pathol.* 1995;22:88.
10. Smith KJ, Skelton HG, Chu W-S, Yeager J, Angritt P, Wagner KF. Decreased CD7 expression in cutaneous infiltrates of HIV-1+ patients. *J Cutan Pathol.* 1995;22:88.
11. Tomaszewski MM, Krishnan KJ, Lupton PG. Non-Hodgkin's lymphoma of scalp: clinical, morphologic and immunologic study. *J Cutan Pathol.* 1995;22:90.